BRUHAT BANGALORE MAHANAGARA PALIKE

YELAHANKA ZONE

Name of the work: **Estimate for Maintainance of Elumandamma badavane BBMP Building and Gym Equipments in Ward No. 10, (Doddabommasandra), Vidyaranyapura Sub Division.**

								Estimate Cost:	500000.00
Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
1	KSRB 15.15.2: Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth cost of materials, labour, complete as per specifications. **with Primer Page No.116 / Item No. 15.51.2 / PWD SR 2015-16**	Sqm							
	Ground Floor and First Floor		2	8.68		6.00	104.16		
			2	17.83		6.00	213.96		
	Deduction of Door		2x0.5	1.20		2.10	-2.52		
	Windows		9x0.5	1.20		1.50	-8.10		
							307.50	90.10	**27706.00**
	Basic Rate	85.00							
	Area Weightage @ 6%	5.10							
	Total	**90.10**							
2	KSRB 15-16.1: providing and finishing external walls in tow coats with water proof cement paint of approve brand and shade to give an even shade after thourghly brooming the surface to remove all dirt and losse powdered material, free from mortar dops and other foreign matter cost of materials, labours, complete as per specifications **with Primer Page No.117 / Item No. 15.53.2 / PWD SR 2015-16**	Cum							
	Ground Floor and First Floor		2	9.14		7.00	127.96		
			2	18.29		7.00	256.06		
	Deduction of Door		2x0.5	1.20		2.10	-2.52		
	Windows		9x0.5	1.20		1.50	-8.10		
							373.40	83.74	**31269.00**
	Basic Rate	79.00							
	Area Weightage @ 6%	4.74							
	Total	**83.74**							
3	KSRB 15-17.6: Providing and applying painting two coats (excluding priming coat) on new wood surface and / or wood based surface with enamel paint to give an even shade, cleaning the surface of all dirt, dust and foreign matter, sand papering including cost of materials, labour, complete as per specifications. **Page No. 118 / Item No. 15.60.1 / PWD SR 2015-16**	Sqm							
	D		2	1.20		2.10	5.04		
	Windows		9	1.20		1.50	16.20		
							21.24	87.48	**1858.00**
	Basic Rate	81.00							
	Area Weightage @ 8%	6.48							

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
	Total	**87.48**							
4	**Groove Cutting :** Supplying ... dia 2mm/2.5mm thick heavy gauage PVC Conduit Pipe with bends metal junction boxes adhesive paste etc., and bracing U or J hooks and cement plastering up to the surface of the brick level and run with 18 SWG GI fish wire run through out the conduit wherever necessary **KPWD SR 2010-11 (P-2,I-3)**	Mtrs							
	32 mm dia 2.5mm thick		1	50.00			**50.00**	68.00	**3400.00**
5	Supplying and flush mounting teak wooden box with out front plank made of not less than 12mm thick wood after due groove cutting necessary masonry patch work complete. **KPWD SR 2010-11 (P-3, I-6)**	Each							
	10"X7"X3" (300X228X76mm)		2				**2**	68.00	**136.00**
	8"X6"X3" (300X228X76mm)		2				**2**	52.00	**104.00**
6	Supplying and fixing PVC/metal conduit accessories special type Junction Box **(I. 5/P. 3) KPWD SR 2010-11**	Each							
	32 mm Junction Box		5				**5**	29.00	**145.00**
	Deep 32 mm Junction Box		2				**2**	33.00	**66.00**
7	Point Wiring using copper wire with switch Supplying and wiring adopting loop system in existing PVC Conduit / casing caping using Copper PVC insulated multi strand 2x1.5 Sqmm copper wire with a 6 Amps flush type SP control switch shall be fixed on the existing plastic sheet gang box the other end of the wires shall be terminated with sufficient loose length in a wood PVC round block complete for each outlet **KPWD SR 2010-11 (P.3/I.8)**	Each							
	Point Wiring using Class A Materials								
	a) Short point upto 3Mtr from tapping point to out let via switch		5				5.00	175.00	**875.00**
	b) Medium point above 3mtr upto 6mtr from tapping point to out let via switch		2				2.00	260.00	**520.00**
	C) Long point above 6mtrs upto 10mtrs from tapping point to outlet via switch		3				3.00	368.00	**1104.00**
8	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate **KPWD SR 2010-11 (P.8/I.18)**	Each							
	6Amps one way.		30				**30**	96.00	**2880.00**
	6Amps 3way Socket.		15				**15**	165.00	**2475.00**
	Stepped Fan Regulator		6				**6**	520.00	**3120.00**
9	Supply patty type fluorescent tube light fitting of 4' - 36/40 watts fluorescent tube fitting, made out of M.S. Sheet and stove enameled with low loss open construction copper wound ferromagnetic ballast, starter, locking, locking type brass contact holder mounted on double fold type sheet base fully wired for used on 230 Volts A C Supply including fluouresecent tube **KPWD SR 2010-11 (P.16/I.2)**								
	Group 'A'	Each	5				**5**	380.00	**1900.00**

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
10	Supplying capacitor type ceiling fan complete with down rod blades, shackle, canopies etc., for operation on 230 volts, 50 cycles. Single phase AC supply conforming to ISS-374-1979 and with double ball bearing system KPWD SR 2007-08 (P-23, I-23) Regulator Model (Khaitan, Crompton Geaves, Orient, Polar, Bajaj, Usha, Havells, Almonard **(p.23 / I.23 .II)**	Each							
	56" Sweep (1400 mm)		2				**2**	1950.00	**3900.00**
11	Supplying and fixing superior quality modula switch mounting polyorbonate plate with ncecessary supporting back plate with required nos. of machines screwes, bolts nuts etc., complete on the existing metal/PVC box **KPWD SR 2010-11 (P-7, I-17)**	Each							
	1 to 3 Modular		2				**2**	82.00	**164.00**
	8 Modular		3				**3**	175.00	**525.00**
12	Supplying and fixing of modular switch / socket/Stepped electrical fan regulator / dimmer / telephone socket etc on existing modular switch plate **KPWD SR 2010-11 (P.8/I.18)**	Each							
	6Amps one way.		4				**4**	96.00	**384.00**
	6Amps 3way Socket.		3				**3**	165.00	**495.00**
13	Supplying and fixing 32Amps security and energy savings DP switch with key tag suitable to operate on 230 Volts 50Hz AC supply & completely wired on existing box **KPWD SR 2010-11 (P.9/I.19)**	Each							
	Group A		2				**2**	630.00	**1260.00**
14	Supplying an fixing one of 230 volts PBBC bakelite staight or slant batten holder and wiring with in 60w/230 Volts lamps **KPWD SR 2010-11 (P-13, I.2)**	No							
			1				**1**	60.00	**60.00**
15	Supplying and fixing miniature circuit breakers on existing MCB distribution boards using necessary fixing materials and wiring complete as required **5-32 Amps SP KPWD SR 2010-11 (P.34/I.13)**	Each							
			1				**1**	560.00	**560.00**
16	Supply and fixing polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc **KPWD SR 2010-11 (P,32/I.2)**								
	20"x20"x2.5"		1				**1**	285.00	**285.00**
17	Supplying and fixing of porcelain fuse channel with cut out on existing wooden /panel using necessary nuts, bolts and washers etc complete **KPWD SR 2010-11 (P.30/I.3)**								
	32 Amps		2				**2**	100.00	**200.00**

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
18	Supplying of LTUG cable having aluminium condutor PVC insulated shethed, galvnised steel, wire / steel tap armoured cable with PVC outer sheathing 1.1 KV class.**P No. 68/ I No. 4(d) 4 core 16 Sqmm KPWD Electrical SR 2010-11**	Mtr							
			1	10.00			**10.00**	150.00	**1500.00**
19	Labour charges for laying of 1.1 K.V class UG cable (PWD Electrical SR-1999-2000, **P No. 69 / I No. Ia In existing trencg/duct 6Sqmm to 16 Sqmm) KPWD Electrical SR 2010-11**	Mtr							
			1	10.00			**10.00**	8.00	**80.00**
20	Digging or trenching of 0.6m deep x 0.5 mtr wide refilling the trench to the required ground level and consolidating etc., complete (as per Civil SR KSRB **1-2 P-7) P No. 70/ I. No. 6-c KPWD Electrical SR 2010-11**	Mtr							
	For Cutting Road Surface		1	8.00			**8.00**	60.00	**480.00**
21	Supplying and fixing of Class A (meaium duty) GI pipe of wall thickness not less than 3.25mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1 KV class **P. No. 70/ I No.9-A KPWD Electrical SR 2010-11**	Mtr							
	40mm dia GI pipe		1	4.00			**4.00**	240.00	**960.00**
22	Supplying and fixing L.T. cast Iron pot head suitable for 1.1 KV class UG cable filled with necessary bituumen/insulating compound complete with terminals, clamps, bolts, nuts and washers etc., **P. No. 70/ I No. 10-b KPWD Electrical SR 2010-11**	No.							
	16Sqmm		1				**1.00**	260.00	**260.00**
23	Supplying, fixing, wiring, earth electrode for grounding conduits, I.C cutouts and other equipments on the meter board using 40 mm dia 2.90 mm thick GI pipe 2.5 m long buried in a pit. The pit should be filled with equal propotion of solt and charocoal 150 mm alround the pipe to complete depth. The connection from the pipe to the conduit etc., is to be established through GI wire of size, as per ISI specification 7.3.3 IS 732 using 12 mm dia bolts, nuts, washers and check nuts, etc., the pipe shall have 16 throught holes of 122 mm dia, (PWD Electrical SR-1999-2000, **(P No.68, I No. 1) KPWD Electrical SR 2010-11**	No							
			1				**1**	1950.00	**1950.00**
	Gym Eqpt								

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
24	Supplying and fixing of GS 478 – Adjustable Bench with Main Frame and Strength training Oval steel tube, thickness (12 gauge), Solid Steel, Stack bushing – PVC cushion guided rods, Nylon with bearing Pulleys, High Strength cable has high load carring capacity, smooth, even functioning of the workouts achieved, high life, M8, M10, M12 Bolts, Shining Silver, Powder coated painting, Orange fabric, High density virgin foam and Composite ply board with adjustable seat etc., complete as per Engineer in Charge of the work.	Nos	1				**1**	28692.49	**28692.00**
25	Supplying and fixing of GS-897 Flat Bench with 4x2 assembly area, 2/2 12 gauge PVC Pipe, Seat & High cashion red color H2x1Wx4L, 8 kg weight etc., complete as per Engineer in Charge of the work.	Nos	1				**1**	12516.06	**12516.00**
26	Supplying and fixing of GS-899 Calf Bench of 2Hx2Wx5L assembly area, shining silver powder coated, high quality red color seat, of size 2/2.12 Gauge PVC pipe, 4 kg weight, bearing high quality seated bearing etc., complete as per Engineer in Charge of the work.	Nos	1				**1**	36556.35	**36556.00**
27	Supplying and fixing of GS-759 Shoulder Bench of 2Lx2Wx4H Assembly area with 2/2 12 gauge PVC pipe, High Quality Red Shing Seat, 6 Kg Unit weight etc., complete as per Engineer in Charge of the work.	Nos	1				**1**	7674.94	**7675.00**
28	Supplying and fixing of SP-102 T-Bar Row machine of 7Lx2Hx3W with 2/2 12 gauge PVC Pipe, 120 kg capacity, 20 kg weight, high quality shield bearing etc., complete as per Engineer in Charge of the work.	Nos	1				**1**	28692.49	**28692.00**
29	Supplying and fixing of SP-102 Small Bench of 2Hx2Wx2L high quality red shining seat, 2/2 12 gauge PVC Pipe, 4 kgs weight etc., complete as per Engineer in Charge of the work.	Nos	1				**1**	5903.80	**5904.00**
30	Supplying and fixing of S305-Chrome dumbbles, Hand Grip Rubber bolt 'L' n Bol, high quality Ms Metal used, Nichal chrome used for shining, high grade knurling for seare comfortable gripping surface encased is high quality virgin metal dumbles are stable for fitness junkides 'b' coze they provide unmatched vorsebility etc., complete as per Engineer in Charge of the work.	Kgs	300				**300**	265.67	**79701.00**

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
31	Supplying and fixing of S125 Rubber Weight Plate of beauty chrome handles resist chipping, flaking, peeling and corrosion, medium grade knurling for a secure, comfortable gripping surface, rubber encased coating is high quality virgin rubber, plates are one of the most versatile and effective training tools and can be utilized to work your shoulders, triceps, biceps, legs and even your back etc., complete as per Engineer in Charge of the work.	Kgs							
			250				**250**	265.67	**66418.00**
32	Supplying and fixing of SP 104 Plate Stand of 4Hx3Wx2L assembly area with shining Silver powder coated, 7 rod holder of 20 kg weight etc., complete as per Engineer in Charge of the work.	Nos							
			2				**2**	14995.66	**29991.00**
33	Supplying and fixing of SP 105 barbell stand of 1.5Lx1.5Wx1H with shining silver powder coated, 10 rod holders of 13 kg weight and 12mm thickness etc., complete as per Engineer in Charge of the work.	Nos							
			2				**2**	9564.16	**19128.00**
34	Supplying and fixing of ACS03 Dumb bell Stand of 3Hx2Wx5L Assembly area with shining silver powder coated of 25 kg and 2/2 12 Gase 7& L Ange 1.5/6 PVC pipe and M01 belt etc., complete as per Engineer in Charge of the work.	Nos							
			2				**2**	18703.25	**37406.00**
35	Supplying and fixing of Yoga Mat of 2x5 size 10mm, medium grade for a secure comfortable encased high quality virgin rubber mat etc., complete as per Engineer in Charge of the work..	Nos							
			10				**10**	708.46	**7085.00**
36	Supplying and fixing of Barbell Rods of 8kgs 4 ft and 5ft length, Nichal chrome used for shining medium grade knurling for a secure, comfortable gripping surface, ms steel 28mm solid rod etc., complete as per Engineer in Charge of the work.	Nos							
			5				**5**	826.53	**4133.00**
37	Supplying and fixing of PUSH UP DIP STAND of 1 kg 1ft length, 12 gauge PVC pipe, high quality MS metal used etc., complete as per Engineer in Charge of the work.	Nos							
			10				**10**	2361.52	**23615.00**
38	Supplying and fixing of ANKEL WEIGHTS with 2 kgs wiehgt and 1ft length of comfortable gripping surface nylon encased coating etc., complete as per Engineer in Charge of the work.	Kgs							
			5				**5**	944.61	**4723.00**

Sl. No	Description	Unit	No.	L	B	D	Qty	Rate	Amount
39	Supplying and fixing of Triceps handle high quality Ms Metal used Nichal chrome used for shining, high grade knurling for seare comfortable gripping surface encased is high quality virgin metal dumbles are stable for fitness junkides b coze and they provide unmatched vorsebility with 2 kgs size 2 ft length unit weight etc., complete as per Engineer in Charge of the work.	Nos							
			7				**7**	2361.52	**16531.00**
40	Miscellaneous and other Charges	L/S							**613.00**
								Total	**500000.00**
(Rs. Five Lakhs Only)									

CERTIFICATE:

1 The work spot has been inspected and the work is found necessary.
2 This estimate is prepared as per PWD SR of 2015-16 and Approved Rates.
3 This work included under 2015-16 POW Grants.
4 The provisions were made in this estimate are necessary and adequate.
5 This works come under B.B.M.P. limits.

H.V.Y 14/12/15
Executive Engineer
Byatarayanapura Division
Yelahanka Zone, B.B.M.P.
Bangalore-560092

Sadhan
Assistant Engineer
Ward No. 10

Assistant Executive Engineer
Bruhat Bangalore Mahanagara Palike
Vidayranyapura Sub Division

Executive Engineer
Bruhat Bangalore Mahanagara Palike
Byatarayanapura Division

ADMINISTRATIVE APPROVAL
Accorded for Rs. Five lakhs only
Head of A/c P-1771
Div. Ref. No. 199 Date 14.12.15
AE
H.V.Y EE(BTP) 14/12

TECHNICAL SANCTION
Accorded For Rs. Five Lakhs only
Head of A/c P-1771
Div. Ref. No. 208 Date 14.12.15
AE
H.V.Y EE(BTP) 14/12/15